

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

or **Fax** (703) 746-4000

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

00164 7590 03/03/2005

KINNEY & LANGE, P.A.  
THE KINNEY & LANGE BUILDING  
312 SOUTH THIRD STREET  
MINNEAPOLIS, MN 55415-1002

05/19/2005 BABRAHA2 00000143 10645642

01 FC:2501 700.00 OP  
02 FC:1504 300.00 OP



**SENT VIA EXPRESS MAIL**

**LABEL NO.:** EV485711336US

Alan M. Koenck	(Depositor's name)
<i>Alan M. Koenck</i>	(Signature)
May 17, 2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/645,642	08/21/2003	Donghang Yan	Z50.312-0002	8792

**TITLE OF INVENTION:** FIELD EFFECT TRANSISTOR IN SANDWICH CONFIGURATION HAVING ORGANIC SEMICONDUCTORS AND MANUFACTURING PROCESS THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	06/03/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, JOSEPH H	2815	257-040000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kinney & Lange, P.A.  
2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

CHANGCHUN INSTITUTE OF APPLIED  
CHEMISTRY CHINESE ACADEMY OF SCIENCE

CHANGCHUN CITY, JILIN PROVINCE CHINA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 11-0782 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Alan M. Koenck*

Date May 17, 2005

Typed or printed name Alan M. Koenck

Registration No. 43,724

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Donghang Yan

Appln. No. : 10/645,642

Filed : August 21, 2003

Title : THE FIELD EFFECT TRANSISTOR IN  
SANDWICH CONFIGURATION HAVING  
ORGANIC SEMICONDUCTORS AND  
MANUFACTURING PROCESS THEREOF

Group Art Unit: 2815

Examiner: Joseph H.  
Nguyen

Docket No. : Z50.312-0002

EXPRESS MAIL COVER SHEET

Mail Stop ISSUE FEE

Commissioner For Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SENT VIA EXPRESS MAIL

Express Mail No.: EV485711336US

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and  
Trademark Office on the date shown below:

1. Check in the amount of \$1,000.00
2. Fee Transmittal (and duplicate copy);
3. Part B - Fee(s) Transmittal (and duplicate copy);
4. Fee Address Indication Form; and
5. Postcard.

Respectfully submitted,

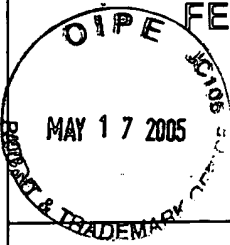
KINNEY & LANGE, P.A.

Date: 5/17/05

By Alan M. Koenck

Alan M. Koenck, Reg. No. 43,724  
THE KINNEY & LANGE BUILDING  
312 South Third Street  
Minneapolis, MN 55415-1002  
Telephone: (612) 339-1863  
Fax: (612) 339-6580

AMK:owk  
Encls.

		<b>Complete if Known</b>	
		Application No.	10/645,642
		Filing Date	August 21, 2003
		First Named Inventor	Donghang Yan
		Group Art Unit	2815
		Examiner Name	Joseph H. Nguyen
Total Amount of Payment \$1000.00		Atty. Docket Number	Z50.312-0002

<p style="text-align: center;"><b>METHOD OF PAYMENT (Check One)</b></p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account <u>No.11-0982</u>. Deposit Account Name: Kinney &amp; Lange, P.A. A duplicate copy of this communication is enclosed.</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p> <p style="text-align: center;"><b>FEE CALCULATION</b></p> <p><b>1. BASIC FILING FEE</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Appn. Type</th> <th style="text-align: center;">FILING FEE FEE/SMALL</th> <th style="text-align: center;">SEARCH FEES FEE/SMALL</th> <th style="text-align: center;">EXAM FEES FEE/SMALL</th> <th style="text-align: center;">FEES</th> </tr> </thead> <tbody> <tr> <td>Utility</td> <td style="text-align: center;">300 / 150</td> <td style="text-align: center;">500 / 250</td> <td style="text-align: center;">200 / 100</td> <td style="text-align: center;">—</td> </tr> <tr> <td>Design</td> <td style="text-align: center;">200 / 100</td> <td style="text-align: center;">100 / 50</td> <td style="text-align: center;">130 / 65</td> <td style="text-align: center;">—</td> </tr> <tr> <td>Reissue</td> <td style="text-align: center;">300 / 150</td> <td style="text-align: center;">500 / 250</td> <td style="text-align: center;">600 / 300</td> <td style="text-align: center;">—</td> </tr> <tr> <td>Provisional</td> <td style="text-align: center;">200 / 100</td> <td style="text-align: center;">-0- / -0-</td> <td style="text-align: center;">-0- / -0-</td> <td style="text-align: center;">—</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>Subtotal (1) \$-0-</b></td> </tr> </tbody> </table> <p><b>2. EXTRA CLAIM FEES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Number Claims</th> <th style="text-align: center;">Prior</th> <th style="text-align: center;">Extra</th> <th style="text-align: center;">Fee from Fee Paid Below</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> </tr> <tr> <td>Indep.</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> </tr> <tr> <td colspan="4">Multiple Dependent Claims</td> </tr> </tbody> </table> <p>Insert 3 and 20, or number previously paid if greater; Reissue see below</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code</th> <th style="text-align: center;">Fee (\$)</th> <th style="text-align: left;">Small Entity Fee Code</th> <th style="text-align: center;">Fee (\$)</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td style="text-align: center;">50</td> <td>2202</td> <td style="text-align: center;">25</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td style="text-align: center;">200</td> <td>2201</td> <td style="text-align: center;">100</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td style="text-align: center;">360</td> <td>2203</td> <td style="text-align: center;">180</td> <td>Multiple Dependent Claim</td> </tr> <tr> <td>1204</td> <td style="text-align: center;">200</td> <td>2204</td> <td style="text-align: center;">100</td> <td>Reissue Independent Claims Over Original Patent</td> </tr> <tr> <td>1205</td> <td style="text-align: center;">50</td> <td>2205</td> <td style="text-align: center;">25</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table> <p><b>3. APPLICATION SIZE FEE</b> If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 small) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 C.F.R. 1.16(s). <u>\$-0-</u></p> <p style="text-align: right;"><b>Subtotal (2) \$-0-</b></p>	Appn. Type	FILING FEE FEE/SMALL	SEARCH FEES FEE/SMALL	EXAM FEES FEE/SMALL	FEES	Utility	300 / 150	500 / 250	200 / 100	—	Design	200 / 100	100 / 50	130 / 65	—	Reissue	300 / 150	500 / 250	600 / 300	—	Provisional	200 / 100	-0- / -0-	-0- / -0-	—	<b>Subtotal (1) \$-0-</b>					Number Claims	Prior	Extra	Fee from Fee Paid Below	Total	—	—	—	Indep.	—	—	—	Multiple Dependent Claims				Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Description	1202	50	2202	25	Claims in excess of 20	1201	200	2201	100	Independent claims in excess of 3	1203	360	2203	180	Multiple Dependent Claim	1204	200	2204	100	Reissue Independent Claims Over Original Patent	1205	50	2205	25	Reissue claims in excess of 20 and over original patent	<p style="text-align: center;"><b>FEE CALCULATION (Continued)</b></p> <p><b>3. ADDITIONAL FEES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code</th> <th style="text-align: center;">Fee (\$)</th> <th style="text-align: left;">Small Entity Fee Code</th> <th style="text-align: center;">Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td style="text-align: center;">130</td> <td>2051</td> <td style="text-align: center;">65</td> <td>Surcharge - Late filing fee or oath</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1052</td> <td style="text-align: center;">50</td> <td>2052</td> <td style="text-align: center;">25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1053</td> <td style="text-align: center;">130</td> <td>1053</td> <td style="text-align: center;">130</td> <td>Non-English specification</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1812</td> <td style="text-align: center;">2,520</td> <td>1812</td> <td style="text-align: center;">2,520</td> <td>For Filing a Request for Reexamination</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1251</td> <td style="text-align: center;">120</td> <td>2251</td> <td style="text-align: center;">60</td> <td>Extension for reply within first month</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1252</td> <td style="text-align: center;">450</td> <td>2252</td> <td style="text-align: center;">225</td> <td>Extension for reply within second month</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1253</td> <td style="text-align: center;">1,020</td> <td>2253</td> <td style="text-align: center;">510</td> <td>Extension for reply within third month</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1254</td> <td style="text-align: center;">1,590</td> <td>2254</td> <td style="text-align: center;">795</td> <td>Extension for reply within fourth month</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1255</td> <td style="text-align: center;">2,160</td> <td>2255</td> <td style="text-align: center;">1,080</td> <td>Extension for reply within fifth month</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1402</td> <td style="text-align: center;">500</td> <td>2402</td> <td style="text-align: center;">250</td> <td>Filing a brief in support of an appeal</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1403</td> <td style="text-align: center;">1,000</td> <td>2403</td> <td style="text-align: center;">500</td> <td>Request for oral hearing</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1814</td> <td style="text-align: center;">130</td> <td>2814</td> <td style="text-align: center;">65</td> <td>Terminal Disclaimer Fee</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1452</td> <td style="text-align: center;">500</td> <td>2452</td> <td style="text-align: center;">250</td> <td>Petition to revive - unavoidable</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1453</td> <td style="text-align: center;">1,500</td> <td>2453</td> <td style="text-align: center;">750</td> <td>Petition to revive - unintentional</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1501</td> <td style="text-align: center;">1,400</td> <td>2501</td> <td style="text-align: center;">700</td> <td>Utility/Reissue issue fee</td> <td style="text-align: right;"><u>700</u></td> </tr> <tr> <td>1502</td> <td style="text-align: center;">800</td> <td>2502</td> <td style="text-align: center;">400</td> <td>Design issue fee</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1460</td> <td style="text-align: center;">130</td> <td>1460</td> <td style="text-align: center;">130</td> <td>Petitions to the Commissioner</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1807</td> <td style="text-align: center;">50</td> <td>1807</td> <td style="text-align: center;">50</td> <td>Petitions related to provisional applications</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1806</td> <td style="text-align: center;">180</td> <td>1806</td> <td style="text-align: center;">180</td> <td>Submission of Information Disclosure Statement</td> <td style="text-align: right;">—</td> </tr> <tr> <td>8021</td> <td style="text-align: center;">40</td> <td>8021</td> <td style="text-align: center;">40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td style="text-align: right;">—</td> </tr> <tr> <td>1801</td> <td style="text-align: center;">790</td> <td>2801</td> <td style="text-align: center;">395</td> <td>Request for Continued Examination (RCE)</td> <td style="text-align: right;">—</td> </tr> <tr> <td colspan="5">Other fee (specify) <u>Publication Fee</u></td> <td style="text-align: right;"><u>300</u></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>Subtotal (3) \$1,000.00</b></td> </tr> </tbody> </table>	Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee paid	1051	130	2051	65	Surcharge - Late filing fee or oath	—	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	—	1053	130	1053	130	Non-English specification	—	1812	2,520	1812	2,520	For Filing a Request for Reexamination	—	1251	120	2251	60	Extension for reply within first month	—	1252	450	2252	225	Extension for reply within second month	—	1253	1,020	2253	510	Extension for reply within third month	—	1254	1,590	2254	795	Extension for reply within fourth month	—	1255	2,160	2255	1,080	Extension for reply within fifth month	—	1402	500	2402	250	Filing a brief in support of an appeal	—	1403	1,000	2403	500	Request for oral hearing	—	1814	130	2814	65	Terminal Disclaimer Fee	—	1452	500	2452	250	Petition to revive - unavoidable	—	1453	1,500	2453	750	Petition to revive - unintentional	—	1501	1,400	2501	700	Utility/Reissue issue fee	<u>700</u>	1502	800	2502	400	Design issue fee	—	1460	130	1460	130	Petitions to the Commissioner	—	1807	50	1807	50	Petitions related to provisional applications	—	1806	180	1806	180	Submission of Information Disclosure Statement	—	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	—	1801	790	2801	395	Request for Continued Examination (RCE)	—	Other fee (specify) <u>Publication Fee</u>					<u>300</u>	<b>Subtotal (3) \$1,000.00</b>				
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1807	50	1807	50	Petitions related to provisional applications	—																																																																																																																																																																																																																							
1806	180	1806	180	Submission of Information Disclosure Statement	—																																																																																																																																																																																																																							
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	—																																																																																																																																																																																																																							
1801	790	2801	395	Request for Continued Examination (RCE)	—																																																																																																																																																																																																																							
Other fee (specify) <u>Publication Fee</u>					<u>300</u>																																																																																																																																																																																																																							
<b>Subtotal (3) \$1,000.00</b>																																																																																																																																																																																																																												

Signature Alan M. Koenck Reg. No. 43,724

Date May 17, 2005 Deposit Account No. 11-0982